



**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

ARNESS et al

Atty. Ref.: 839-1549

Serial No. 10/829,281

TC/A.U.: 3745

Filed: April 22, 2004

Examiner:

For: TURBINE AIRFOIL TRAILING EDGE REPAIR AND  
METHODS THEREFOR

\* \* \* \* \*

July 21, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUBMISSION OF EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY**

Attached is an Exclusive Substitute Power of Attorney and Exclusive Prosecution

Hereafter by Assignee under 37 C.F.R. §§ 1.36, 3.71 and 3.73 along with a copy of the  
Assignment from the inventors to General Electric Company.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: Richard G. Besha  
Richard G. Besha  
Reg. No. 22,770

RGB:pfc  
1100 North Glebe Road, 8th Floor  
Arlington, VA 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

ARNESS et al

Atty. Ref.: 839-1549

Serial No. 10/829,281

Group: 3745

Filed: April 22, 2004

Examiner:

For: TURBINE AIRFOIL TRAILING EDGE REPAIR AND  
METHODS THEREFOR

\* \* \* \* \*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HERAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

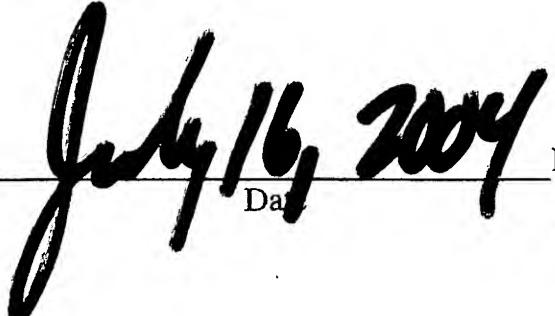
General Electric Company, being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 30024** individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

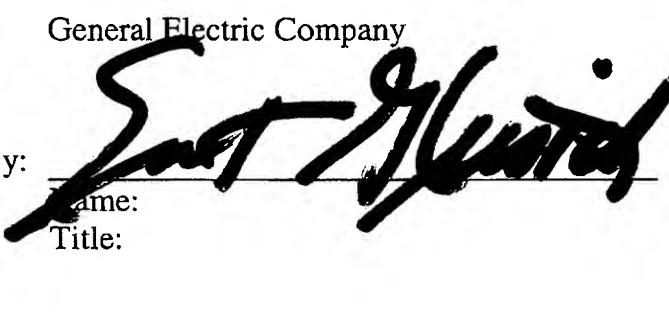
General Electric Company also authorizes Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

**Certificate Under 37 C.F.R. §3.73(b)**

General Electric Company, a corporation having a place of business at 1 River Road, Schenectady, New York 12345 states that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached..

The undersigned (whose title is typed below) is empowered to sign this statement on behalf of General Electric Company.

  
July 16, 2004  
Day:

General Electric Company  
By:   
Name:  
Title:



RECORDATION FORM COVER SHEET

**PATENTS ONLY**

Our Ref.: 839-1549

**Mail Stop Assignment Recordation Services**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Brian Peter Arness Graham David Sherlock Joseph Leonard Moroso Stewart William Beitz Additional name/s of conveying party/ies attached? <input type="checkbox"/>		2. Name and address of receiving party(ies): Name: <u>General Electric Company</u> Internal Address: Street Address: <u>1 River Road</u>  City: <u>Schenectady</u> State/Country: <u>New York</u> Zip: <u>12345</u>
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>April 21, 21, 21, 21, 21, 2004</u>		Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>April 21, 2004</u>		
A. Patent Application No(s). (1) <u>10/829,281</u> (2) (3)		B. Patent No(s). (1) (2) (3) Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>Richard G. Besha</u>  Internal Address: _____  Street Address: <u>Nixon &amp; Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8<sup>th</sup> Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u>		6. Total number of applications & patents involved: <u>1</u>  7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140
8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. <u>14-1140</u> .		
<b>DO NOT USE THIS SPACE</b>		
9. Statements and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.		
Richard G. Besha Name of Person Signing Reg. No. 22,770	<u>Richard Besha</u> Signature	July 13, 2004 Date
Total number of pages including original cover sheet, attachments, and document:		[7]

ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which we acknowledge receipt, we, Brian Peter Arness, Graham David Sherlock, Joseph Leonard Moroso, Stewart William Beitz, and Graydon Wayne Peters, of 201 Buckler Court, Simpsonville, South Carolina 29681; 206 Shannon Drive, Greenville, South Carolina 29615; 4 West Thistle Lane, Greenville, South Carolina 29615; 200 West Hypericum Lane, Greenville, South Carolina 29615; and 17215 Shrub Oak, Humble, Texas 77396; hereby sell and assign to General Electric Company, a New York Corporation, having an address at 1 River Road, Schenectady, New York 12345, USA, (hereinafter referred to as "Company"), its successors and assigns our entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled TURBINE AIRFOIL TRAILING EDGE REPAIR AND METHODS THEREFOR and 148044

signed as of even date,  
 signed as of \_\_\_\_\_, or  
 filed on \_\_\_\_\_ having Serial Number

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Brian Peter Arness

Brian Peter Arness

4/23/04

Date

Witnessed by:

Name: <u>Soneeka Soni</u>	Date: <u>04/23/2004</u>
Signature of witness	
<u>SONEEKA SONI</u>	
Printed name of witness	
Name: <u>Chetna</u>	Date: <u>4/23/04</u>
Signature of witness	
<u>Chetna</u>	
Printed name of witness	

STATE OF South Carolina

ss):

COUNTY OF Greenville

This 23 day of April, 2004, before me personally came the above-named, Brian Peter Arness, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



Notary Public

My Commission Expires:

December 8, 2009

My Commission Expires

December 8, 2009



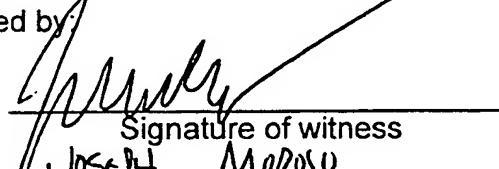
Graham David Sherlock

4-21-2004

Date

Witnessed by:

Name:



Date:

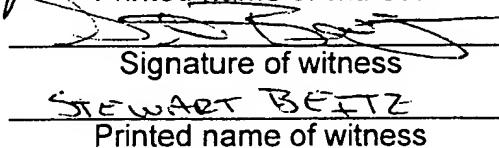
4-21-2004

Signature of witness

JOSEPH MOROSO

Printed name of witness

Name:



Date:

4-21-2004

Signature of witness

STEWART BEITZ

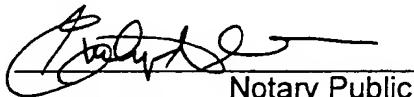
Printed name of witness

STATE OF SC)

ss):

COUNTY OF Greenville)

This 21st day of April, 2004, before me personally came the above-named, Graham David Sherlock, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



Notary Public

My Commission Expires:

2005

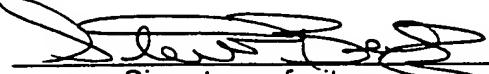


Joseph Leonard Moroso

4-21-2004

Date

Witnessed by:

Name: 

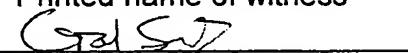
Date:

4-21-2004

Signature of witness

STEWART BEITZ

Printed name of witness

Name: 

Date:

4-21-2004

Signature of witness

GRAHAM SHERLOCK

Printed name of witness

STATE OF South Carolina

ss):

COUNTY OF Greenville

This 21st day of April, 2004, before me personally came the above-named, Joseph Leonard Moroso, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public

My Commission Expires:

2005



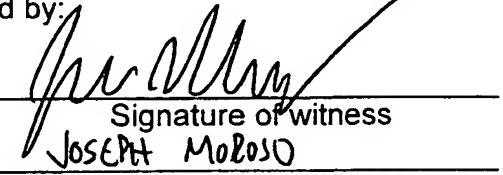
Stewart William Beitz

4-21-2004

Date

Witnessed by:

Name:



Signature of witness  
JOSEPH MOLOSO

Date:

4-21-2004

Name:

Printed name of witness



Date:

4-21-2004

Signature of witness

GRAHAM SHACK

Printed name of witness

STATE OF South Carolina)

ss):

COUNTY OF Greenville)

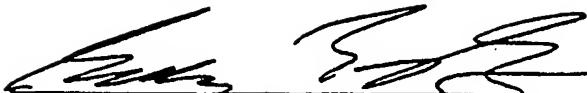
This 21<sup>st</sup> day of April, 2004, before me personally came the above-named, Stewart William Beitz, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



Notary Public

My Commission Expires:

2005



Graydon Wayne Peters

4-21-04

Date

Witnessed by:

Name: Barbara A. Burnham Date: 4-21-2004

Signature of witness

Barbara A. Burnham

Printed name of witness

Name: Jerry G. Owens Date: 4-21-04

Signature of witness

Jerry G. Owens

Printed name of witness

STATE OF Texas)

ss):

COUNTY OF Harris)

This 21 day of April, 2004, before me personally came the above-named, Graydon Wayne Peters, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Dreama Ashford

Notary Public

My Commission Expires: 2/15/07

